

**In the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Cancelled)

2. (Currently Amended) A non-reciprocal circuit element, comprising:

a magnetic plate;

a common electrode disposed at a first face of the magnetic plate;

a first main segment;

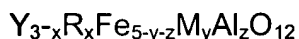
a second main segment;

a third main segment; the three main segments extending from a periphery of the common electrode in three directions so as to surround the magnetic plate, the three main segments being folded to a second face of the magnetic plate and intersecting on the second face with predetermined angles, and

a magnet for applying a bias magnetic field, the magnet opposing the magnetic plate,

wherein a temperature coefficient of a saturation magnetization of the magnetic plate is from -0.2 %/°C to -0.1 %/°C in a temperature range from -35°C to 85°C; a temperature coefficient of a residual magnetization of the magnet is from -0.20 %/°C to -0.15 %/°C in a temperature range from -35°C to 85°C; and,

~~The non-reciprocal circuit element according to claim 1, wherein the magnetic plate comprises garnet ferrite represented by the formula:~~



\_\_\_\_\_ wherein R is at least one element selected from the group consisting of La, Ce, Pr, Nd, Pm, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, and Lu, M is In or a combination of Ca and Sn or a combination of Ca and Zr, and

subscripts x, y, and z representing a stoichiometric ratio satisfy  $0.3 \leq x \leq 1.5$ ,  $0 \leq y \leq 0.6$ , and  $0 \leq z \leq 0.5$ .

3. (Currently Amended) A non-reciprocal circuit element, comprising:  
a magnetic plate;  
a common electrode disposed at a first face of the magnetic plate;  
a first main segment;  
a second main segment;  
a third main segment; the three main segments extending from a  
periphery of the common electrode in three directions so as to surround the  
magnetic plate, the three main segments being folded to a second face of the  
magnetic plate and intersecting on the second face with predetermined angles,  
and  
a magnet for applying a bias magnetic field, the magnet opposing  
the magnetic plate,  
wherein a temperature coefficient of a saturation magnetization of  
the magnetic plate is from  $-0.2 \text{ } ^\circ\text{C}^{-1}$  to  $-0.1 \text{ } ^\circ\text{C}^{-1}$  in a temperature range from  $-$   
 $35^\circ\text{C}$  to  $85^\circ\text{C}$ ; a temperature coefficient of a residual magnetization of the magnet  
is from  $-0.20 \text{ } ^\circ\text{C}^{-1}$  to  $-0.15 \text{ } ^\circ\text{C}^{-1}$  in a temperature range from  $-35^\circ\text{C}$  to  $85^\circ\text{C}$ ;  
and,  
~~The non-reciprocal circuit element according to claim 1, wherein the magnetic~~  
~~plate comprises garnet ferrite represented by the formula:~~  
$$\text{Y}_{3-x}\text{R}_x\text{Fe}_{a-y-z}\text{M}_y\text{Al}_z\text{O}_{12}$$
  
~~\_\_\_\_\_ wherein R is at least one element selected from the group~~  
~~consisting of La, Ce, Pr, Nd, Pm, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, and Lu, M~~  
~~is In or a combination of Ca and Sn or a combination of Ca and Zr, and~~  
~~subscripts a, x, y, and z representing a stoichiometric ratio satisfy  $4.75 \leq a \leq 4.95$ ,  
 ~~$0.3 \leq x \leq 1.5$ ,  $0 \leq y \leq 0.6$ , and  $0 \leq z \leq 0.5$ .~~~~

4. (Currently Amended) The non-reciprocal circuit element according to claim  
[[4]] 2, wherein a horizontal length of an overlapped area between the first main  
segment functioning as an input and the second main segment functioning as an

output is 10% or more of a horizontal length of the main segments overlapping on the second face of the magnetic plate.

5. (Currently Amended) The non-reciprocal circuit element according to claim ~~[[4]]~~ 2, wherein each of the first main segment functioning as an input and the second main segment functioning as an output is connected to matching capacitors and the third main segment is connected to another matching capacitor and a terminator.

6. (Currently amended) A communication device, comprising:  
a non-reciprocal circuit element according to claim ~~[[4]]~~ 2;  
a transmitting circuit connected to the first main segment functioning as an input of the non-reciprocal circuit element; and  
an aerial connected to the second main segment functioning as an output of the non-reciprocal circuit element.

7. (New) The non-reciprocal circuit element according to claim 3, wherein a horizontal length of an overlapped area between the first main segment functioning as an input and the second main segment functioning as an output is 10% or more of a horizontal length of the main segments overlapping on the second face of the magnetic plate.

8. (New) The non-reciprocal circuit element according to claim 3, wherein each of the first main segment functioning as an input and the second main segment functioning as an output is connected to matching capacitors and the third main segment is connected to another matching capacitor and a terminator.

9. (New) A communication device, comprising:  
a non-reciprocal circuit element according to claim 3;  
a transmitting circuit connected to the first main segment functioning as an input of the non-reciprocal circuit element; and

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an aerial connected to the second main segment functioning as an output of the non-reciprocal circuit element.